

AMENDMENTS TO THE CLAIMS

1. (Canceled)
2. (Previously Presented): The peptide of claim 27 wherein aa⁸⁰ is I.
3. (Previously Presented): The peptide of claim 27 wherein at least one of the amino acids is the D-isomer.
4. (Previously Presented): The peptide of claim 3 wherein all of the amino acids are the D-isomer.
- 5.-11. (Canceled)
12. (Previously Presented): The peptide of claim 27 wherein aa⁸² is L.
13. (Previously Presented): The peptide of claim 27 wherein aa⁸³ is R.
14. (Canceled)
15. (Previously Presented): A peptide dimer that inhibits cytotoxicity wherein said peptide dimer comprises RIALRYYRLAIR (SEQ ID NO:40), YRLAIRRIALRY (SEQ ID NO:36), RIALRYRILLRY (SEQ ID NO:41) or YRLLIRYRLAIR (SEQ ID NO:42).
16. (Previously Presented): The peptide of claim 27 which is YRLAIRLNERRENLRALRY (SEQ ID NO:26) or YRLAIRLNERYRLAIRLNER (SEQ ID NO:31).
17. (Previously Presented): The peptide dimer of claim 15 which is YRLAIRRIALRY (SEQ ID NO:36).

18. (Currently amended): A method for extending the period of acceptance by a recipient of a transplant from an allogenic or ~~xenogenic~~ xenogeneic MHC donor, said method comprising:

administering to said donor in accordance with a therapeutically effective regimen and in an amount effective to extend the period of acceptance of said transplant, the peptide of claim 27; whereby the period of acceptance of said transplant is extended.

19. (Previously Presented): The method of claim 18, wherein said compound is administered in combination with a subtherapeutic dosage of an immunosuppressant, and said period of acceptance is extended as compared to the period which would have resulted from the administering of said immunosuppressant as said subtherapeutic dosage in the absence of said peptide.

20. (Previously Presented): A composition comprising the peptide of claim 27 and a subtherapeutic dosage of an immunosuppressant, together in an amount sufficient to inhibit transplant rejection in a mammal, in a physiologically acceptable medium.

21. (Previously Presented): The peptide-type compound of claim 27 which is a peptide and wherein all the amino acid residues in said peptide are gene-encoded.

22-26. (Canceled)

27. (Previously Presented): A peptide dimer that inhibits cytotoxicity and consists of up to 60 amino acids, and comprises one of the following sequences:

R E aa⁷⁷ L R aa⁸⁰⁻⁸³ Y (I) (SEQ ID NO:38) or

Y aa⁸³⁻⁸⁰ R L aa⁷⁷ E R (II) (SEQ ID NO:39), and

N-terminal acylated and/or C-terminal amidated or esterified forms;

wherein:

aa⁷⁷ is D, S or N;

aa⁸⁰ is I or N;

aa⁸¹ is A or L;

aa⁸² is R or L;

aa⁸³ is G or R.